Index of Claims

| App | lication | No. |
|-----|----------|-----|

09/813,491

Examiner

Applicant(s)

LIBERTI ET AL.

Daniel J. Ryman

2665

| 7 | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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| Cla         | im   | Date   |          |  |  |  |  |              |  |                 |
| Final       | Original   | 1/26/05  |          |  |  |  |  |              |  |                 |
|             | 1  | 1  |          |  | _  |  |  |              |  |                 |
| <del></del> | 1<br>2<br>3<br>4<br>5  | V  | $\vdash$ |  | _  | _  | _  |              |  |                 |
|             | 3  | V  |          |  | М  | _  |  | -            |  |                 |
|             | 4  | 1  |          |  |  | _  |  |              | _  |                 |
|             | 5  | V  | $\vdash$ |  | $\vdash$   | $\overline{}$                                    |  |              | _  | $\vdash$        |
|             | 6  | 1  |          |  |  |  |  |              |  |                 |
|             | 6<br>7   | 1  |          |  | Г  |  |  |              |  |                 |
|             | 8  | 1  |          |  |  |  |  |              |  |                 |
|             | 9  | 1  |          |  |  |  |  |              |  |                 |
|             | 10   | 1  |          |  |  |  |  |              |  |                 |
|             | 11   | √  |          |  |  |  |  |              |  |                 |
|             | 12   | √  | Ĺ.       |  |  |  |  |              |  |                 |
|             | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | ファ フ         |          |  |  |  |  |              |  |                 |
|             | 14   | 1  |          |  |  |  |  |              |  |                 |
|             | 15   | 1  |          |  |  |  |  |              |  |                 |
|             | 16   | 1  |          |  |  |  |  |              |  |                 |
|             | 17   | √  |          |  |  |  |  |              |  |                 |
|             | 18   | √  |          |  |  |  |  |              |  |                 |
|             | 19   | 1  |          |  |  |  |  |              |  |                 |
|             | 20   | 1  |          |  |  |  |  |              |  |                 |
|             | 21   | 1  |          |  |  |  |  |              |  |                 |
|             | 22   |  |          |  |  |  |  |              |  |                 |
|             | 22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31                       |  |          |  |  |  |  |              |  |                 |
|             | 24   |  |          |  |  |  |  |              |  |                 |
|             | 25   |  |          |  | <u> </u>   | _  | _  | L            | L  |                 |
|             | 26   |  |          |  |  |  |  |              |  |                 |
|             | 27   |  |          |  |  |  | L  | L            |  |                 |
|             | 28   |  |          |  | <u> </u>   | L.   | <u> </u>   |              |  | Ш               |
| <u> </u>    | 29   | _  | _        |  | <u>L</u>   | <u> </u>   | L_   | _            |  | Ш               |
| <u> </u>    | 30   |  |          | <u> </u>   | <u> </u>   |  |  | <u> </u>     | <u> </u>   | Ш               |
|             | 31   | _  |          | <u> </u>   |  | _  | _  | L            |  | Ш               |
| <u> </u>    | 32   | _  |          | _  | <u> </u>   | <u> </u>   | <u> </u>   | ļ            |  | _               |
|             | 33   |  | _        | ļ  | ļ  | _  | <u> </u>   |              |  | Ш               |
| ļ           | 33<br>34<br>35   |  |          |  | _  | _  | <u> </u>   | _            | _  | Ш               |
| <u> </u>    | 35   |  | _        | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>     | _  | Н               |
| <u> </u>    | 36<br>37<br>38   | -  |          | <u> </u>   |  |  |  | $\vdash$     | -  | Н               |
| <b></b>     | 3/   | ├  | -        | -  | <del> </del>                                     | $\vdash$   | $\vdash$   | $\vdash$     | _  | Н               |
| $\vdash$    | 38   |  | H        | $\vdash$   | $\vdash$   | $\vdash$   | ⊢  | $\vdash$     |  | Н               |
| <b>}</b>    | 40   | ├  | H        | ┢  | $\vdash$   | ⊢  | $\vdash$   | -            |  | $\vdash \vdash$ |
| <u> </u>    | 41   |  |          | $\vdash$   | -  | ⊢  | ⊢  | H            |  | Н               |
| <u> </u>    | 42   | $\vdash$   | $\vdash$ | -  | ⊢  | $\vdash$   | $\vdash$   | -            |  | Н               |
| -           | 43   | ├-   |          | ├─   | $\vdash$   | <del>                                     </del> | -  | $\vdash$     |  | Н               |
|             | 43   | <del> </del>                                     | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   |  | $\vdash$     | $\vdash$   | Н               |
| <del></del> | 45   | -  | $\vdash$ | $\vdash$   | ┢  | $\vdash$   | <del> </del>                                     | ┢            |  | $\vdash$        |
| <b>-</b>    | 46   |  | H        | <del> </del>                                     |  | <del>  -</del>                                   |  | -            | -  | $\vdash$        |
| _           | 47   | <del>                                     </del> | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |              | $\vdash$   | $\vdash$        |
| $\vdash$    | 48   | $\vdash$   | $\vdash$ | $\vdash$   | ┢  | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   | H               |
|             | 49   |  | $\vdash$ | <del>                                     </del> | -  | -  | <del>                                     </del> | <del> </del> | <del>                                     </del> | $\vdash$        |
|             | 50   | -  | $\vdash$ | $\vdash$   | <del>                                     </del> |  | $\vdash$   | $\vdash$     | $\vdash$   | Н               |
|             |  | 1  |          |  | 1  | 1  |  | Ь.           |  | _               |

| Γ        | Claim |                |  | . Date   |          |              |          |          |  |          |          |  |  |
|----------|-------|----------------|--|----------|----------|--------------|----------|----------|--|----------|----------|--|--|
| Γ        |       |                |  |          |          |              |          |          |  |          |          |  |  |
|          | ē     | Original       | 1/26/05  |          |          |              | 1        |          |  |          |          |  |  |
|          | Final | rig            | 92/  |          |          |              |          |          |  |          |          |  |  |
|          |       | 0              | 1  |          |          |              |          |          |  |          |          |  |  |
| H        |       | 51             | -  |          |          |              |          |          | -  |          |          |  |  |
| $\vdash$ | -     | 50             |  | -        | -        | _            |          | -        |  |          | -        |  |  |
| ⊦        |       | 52<br>53       | _  | _        | H        |              |          | -        |  |          | _        |  |  |
| ⊢        |       | 53             | ,  | _        |          |              |          |          |  |          |          |  |  |
| $\vdash$ |       | 54<br>55       | 1  | _        |          | _            |          |          |  |          |          |  |  |
| $\vdash$ |       | 55             | 7  | _        | _        |              |          |          |  |          |          |  |  |
| L        |       | 56             | 1  |          |          |              |          |          |  |          |          |  |  |
| L        |       | 57             | 1  |          | _        |              |          |          |  |          |          |  |  |
| L        |       | 57<br>58       | 1  |          |          |              |          |          |  |          |          |  |  |
| L        |       | 59             | 1  |          |          |              |          |          |  |          |          |  |  |
| Г        |       | 60             | ٧  |          |          |              |          |          |  |          |          |  |  |
|          |       | 61             |  |          | В        |              |          |          |  |          |          |  |  |
| Ī        |       | 62             |  |          |          |              |          |          |  |          |          |  |  |
| Г        |       | 63             |  |          |          |              |          |          |  |          |          |  |  |
| $\vdash$ |       | 63<br>64<br>65 |  |          | $\vdash$ | $\Box$       |          | _        |  |          |          |  |  |
| $\vdash$ |       | 65             | $\vdash$   | -        | $\vdash$ | М            | -        |          | Н  |          |          |  |  |
| $\vdash$ | -     | 66             | $\vdash$   | $\vdash$ | $\vdash$ | H            | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ |          |  |  |
| $\vdash$ |       | 67             | H  | $\vdash$ | $\vdash$ |              | $\vdash$ | -        |  | -        | H        |  |  |
| $\vdash$ |       | 60             | H  | ⊢        | H        |              | _        | -        |  |          | _        |  |  |
| $\vdash$ |       | 68<br>69       | _  | $\vdash$ | <u> </u> |              | _        | _        |  |          | -        |  |  |
| $\vdash$ |       | 59             | _  | _        | <u> </u> | _            |          |          |  | _        | _        |  |  |
| $\perp$  |       | 70             | _  | <u> </u> | L        | _            | _        | _        |  |          |          |  |  |
| $\perp$  |       | 71<br>72<br>73 | _  | _        |          | _            |          |          |  |          |          |  |  |
| L        |       | 72             |  |          |          |              |          |          |  |          |          |  |  |
| L        |       | 73             |  | L        |          |              |          |          |  |          |          |  |  |
| L        |       | 74<br>75       |  |          |          |              |          |          |  |          |          |  |  |
|          | ·     | 75             |  |          |          |              |          |          |  |          |          |  |  |
| Г        |       | 76<br>77       |  |          |          |              |          |          |  |          |          |  |  |
| Г        |       | 77             |  |          |          |              |          |          |  |          |          |  |  |
| Г        |       | 78<br>- 79     |  |          |          |              |          |          |  |          |          |  |  |
| $\vdash$ |       | . 79           |  | $\vdash$ |          |              |          |          |  |          |          |  |  |
| $\vdash$ |       | 80             | <del>                                     </del> | $\vdash$ |          |              |          |          |  |          |          |  |  |
| $\vdash$ |       | 81             | <del>                                     </del> | -        | $\vdash$ |              | -        | _        | _  |          |          |  |  |
| $\vdash$ |       | 82             | $\vdash$   | $\vdash$ | $\vdash$ | -            | -        | -        | -  |          |          |  |  |
| $\vdash$ |       | 83             | $\vdash$   | -        | ┢        | -            |          | -        | -  |          | ⊢        |  |  |
| $\vdash$ | -     | 03             | ├—   | ┝        | ├        | H            |          |          |  |          | -        |  |  |
| $\vdash$ |       | 84             | <del> </del> —                                   | $\vdash$ | $\vdash$ | -            | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$ |  |  |
| $\vdash$ |       | 85<br>86       | <del>  -</del>                                   | ├        | ⊢        | <b> </b>     | -        | <b></b>  | <u> </u>   | H        | <u> </u> |  |  |
| $\vdash$ |       | 86             |  |          |          | <u> </u>     | -        | <u> </u> | <u> </u>   |          | -        |  |  |
| $\vdash$ |       | 87             | <b>—</b>   | <u> </u> | <u> </u> | ├-           | <u> </u> |          | <u> </u>   |          | <u> </u> |  |  |
| L        |       | 88             | <u> </u>   | _        | <u> </u> | Щ.           | L.       |          |  | _        | _        |  |  |
| L        |       | 89             |  |          | _        | $oxed{oxed}$ |          |          |  | ᆫ        | <u>L</u> |  |  |
| L        |       | 90             |  | _        | <u> </u> |              |          |          | $ldsymbol{ld}}}}}}$ |          | L        |  |  |
| L        |       | 91             |  | <u> </u> |          | <u>_</u>     | L        | L_       | L  | <u> </u> |          |  |  |
| L        |       | 92             | L  |          | Ĺ        |              |          |          |  |          |          |  |  |
|          |       | 93             |  |          | L        | L            | L        |          | L  | L        | L        |  |  |
| Γ        |       | 94             |  |          |          |              |          |          |  |          |          |  |  |
| Γ        |       | 95             |  |          |          |              |          |          |  |          |          |  |  |
|          |       | 96             |  |          |          | Г            |          |          | $\Box$   | Г        | Γ        |  |  |
| ۲        |       | 97             |  | Г        | T        |              |          |          | Г  |          | Ī        |  |  |
| 卜        |       | 98             | Т  | _        | <u> </u> |              |          | -        | <u> </u>   |          |          |  |  |
| $\vdash$ |       | 99             | ╁  |          |          | $\vdash$     |          | $\vdash$ | Т  | H        |          |  |  |
| $\vdash$ |       | 100            | $\vdash$   | Н        | H        |              | $\vdash$ | $\vdash$ | $\vdash$   |          |          |  |  |
|          |       | 100            | L  | 1        | 1        | L            | L        | 1        | 1  |          | ı        |  |  |

| Cli         | aim               | Date   |          |  |  |          |          |              |          |                      |  |  |
|-------------|-------------------|--|----------|--|--|----------|----------|--------------|----------|----------------------|--|--|
| Final       | Original          |  |          |  |  |          |          |              |          |                      |  |  |
|             | 101               |  | _        |  |  |          |          |              |          |                      |  |  |
|             | 102               |  |          |  |  |          |          |              |          |                      |  |  |
|             | 103               |  |          |  |  |          |          |              |          |                      |  |  |
|             | 104               |  |          |  |  |          |          |              |          |                      |  |  |
|             | 105               |  |          |  |  |          |          |              |          |                      |  |  |
|             | 106               | Ш  |          |  |  |          |          |              |          |                      |  |  |
|             | 107               | Ш  |          | _  |  |          | _        | _            |          |                      |  |  |
|             | 108               |  |          |  |  |          | _        | _            | _        |                      |  |  |
|             | 109               | Ш  |          | Ĺ  |  |          |          |              |          |                      |  |  |
|             | 110<br>111        | Н  |          |  |  |          |          | _            |          |                      |  |  |
|             | 112               | Н  |          |  |  |          | _        |              |          | $\vdash$             |  |  |
|             | 112               | H  |          |  |  |          |          |              |          |                      |  |  |
|             | 113<br>114<br>115 | Н  | _        | -  |  | _        | _        | -            |          | $\dashv$             |  |  |
|             | 115               | Н  |          | -  |  | $\vdash$ |          |              |          | H                    |  |  |
|             | 116               | H  |          |  |  | $\vdash$ |          | _            |          | $\sqcap$             |  |  |
|             | 117               | Н  |          | <del>                                     </del> | _  |          |          |              |          |                      |  |  |
|             | 118               |  |          |  |  |          |          |              |          | П                    |  |  |
|             | 119               |  |          |  |  |          |          |              |          |                      |  |  |
|             | 120               |  |          |  |  |          |          |              |          |                      |  |  |
|             | 121<br>122        |  |          |  |  |          |          |              |          |                      |  |  |
|             | 122               |  |          |  |  |          |          |              |          |                      |  |  |
|             | 123               |  |          |  | L  |          |          |              |          |                      |  |  |
|             | 124<br>125        |  |          |  | _  | _        |          | Щ            |          | Щ                    |  |  |
|             | 125               | _  |          |  | _  |          |          | H            |          | Н                    |  |  |
|             | 126               | _  | _        |  |  |          |          | -            |          | Н                    |  |  |
|             | 127<br>128        |  |          |  |  | <u> </u> |          | -            |          | $\vdash$             |  |  |
|             | 129               |  |          |  | _  |          |          | -            | _        | $\vdash$             |  |  |
|             | 130               | $\vdash$   |          |  |  | $\vdash$ |          | ├            | _        | $\vdash$             |  |  |
|             | 131               | $\vdash$   | _        | $\vdash$   |  | $\vdash$ |          | $\vdash$     | _        | $\vdash$             |  |  |
|             | 132               | -  | _        | -  | _  | $\vdash$ |          | $\vdash$     | -        | -                    |  |  |
|             | 133               | <del>                                     </del> |          |  | _  | Н        |          | $\vdash$     | $\vdash$ | $\vdash$             |  |  |
| <u> </u>    | 134               | П  |          |  |  | Г        |          | T            |          |                      |  |  |
|             | 135               |  |          |  |  |          |          | L.           | L        |                      |  |  |
|             | 136               |  |          |  |  |          |          |              |          |                      |  |  |
|             | 137               |  |          | <u> </u>   |  |          | $\Box$   |              | L.       | Ш                    |  |  |
|             | 138<br>139        | L_   |          |  | _  |          | <u>L</u> | <u>L</u>     | <u> </u> | Щ                    |  |  |
|             |                   |  | _        |  | <u> </u>   | _        | <u> </u> | ļ            | ļ        | Ш                    |  |  |
|             | 140               | <b> </b>   | _        | <del> </del>                                     | <u> </u>   |          | -        | -            | -        | $\vdash \vdash$      |  |  |
| <u> </u>    | 141               |  | _        | ⊢  | <u> </u>   | _        | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash \dashv$      |  |  |
|             | 142               | $\vdash$   |          | $\vdash$   | -  | <u> </u> | $\vdash$ | <del> </del> | ├        | $\vdash \vdash$      |  |  |
|             | 143<br>144        | -  | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$ | -        | -            | ┢        | $\vdash\vdash\vdash$ |  |  |
| -           | 144               | $\vdash$   | $\vdash$ | -  | -  | $\vdash$ | $\vdash$ | $\vdash$     | ├        | H                    |  |  |
|             | 146               |  | -        | <del>                                     </del> | <del> </del>                                     | -        | $\vdash$ | -            | $\vdash$ | Н                    |  |  |
|             | 147               |  | H        | $\vdash$   | <del>                                     </del> |          | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$             |  |  |
| <del></del> | 148               |  | -        |  | Н  | $\vdash$ |          | $\vdash$     | $\vdash$ | H                    |  |  |
|             | 149               | <u> </u>   | $\vdash$ |  | $\vdash$   |          | $I^-$    | Т            | _        | Н                    |  |  |
|             | 150               |  |          |  |  |          |          |              |          |                      |  |  |